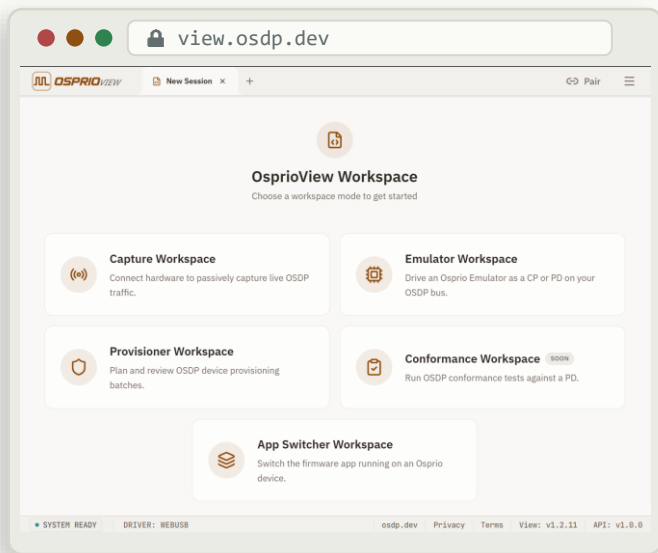




THE OSDP TOOLKIT

Professional OSDP tools

Capture, emulate, provision and certify OSDP devices — dedicated hardware and the Ospryo View workspace platform, from the bench to the field.



Ospryo View

Ospryo Mini

Ospryo Pro

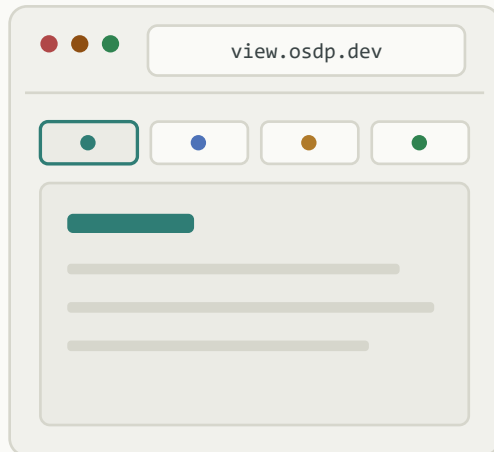
osdp.dev

Myur Labs UG

One toolchain for all OSDP workflows

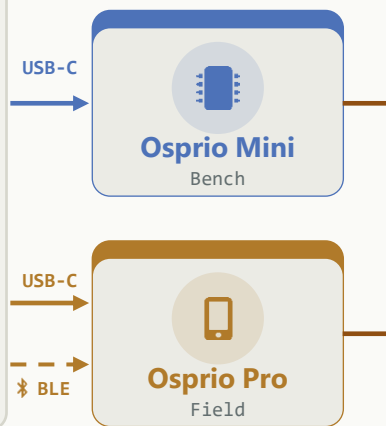
Capture bus traffic, emulate CP/PD devices, provision them securely and certify OSDP devices for interoperability — delivered through **Osprio View** software and the **Osprio Pro** and **Osprio Mini** hardware.

1 • SOFTWARE



Osprio View — a multi-workspace app; each workspace does one thing well.

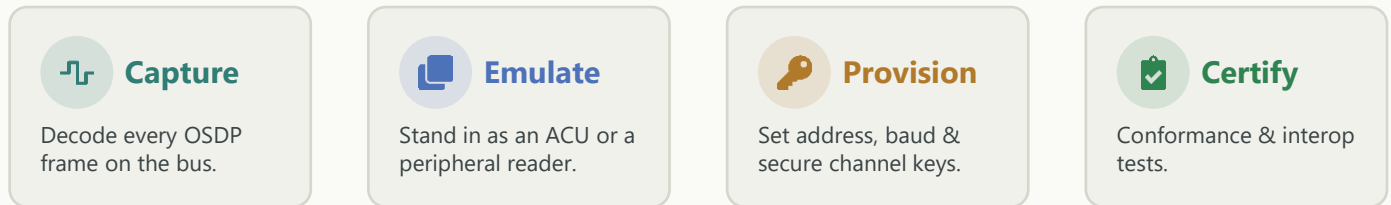
2 • HARDWARE



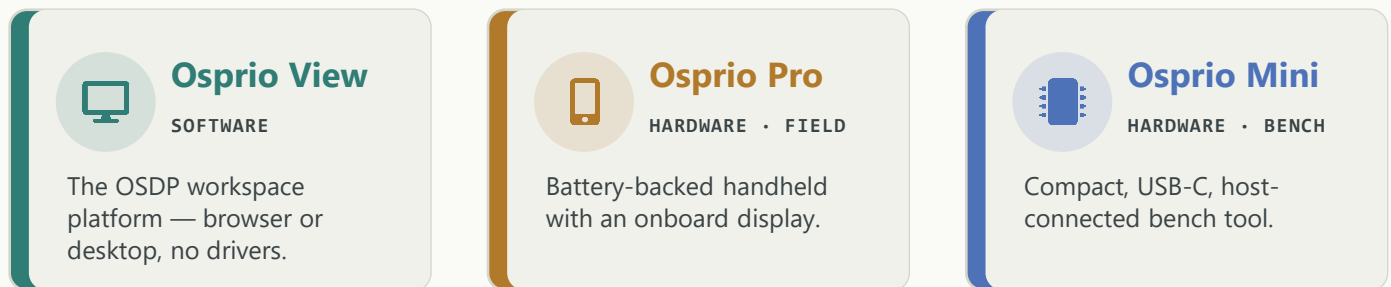
3 • YOUR OSDP BUS



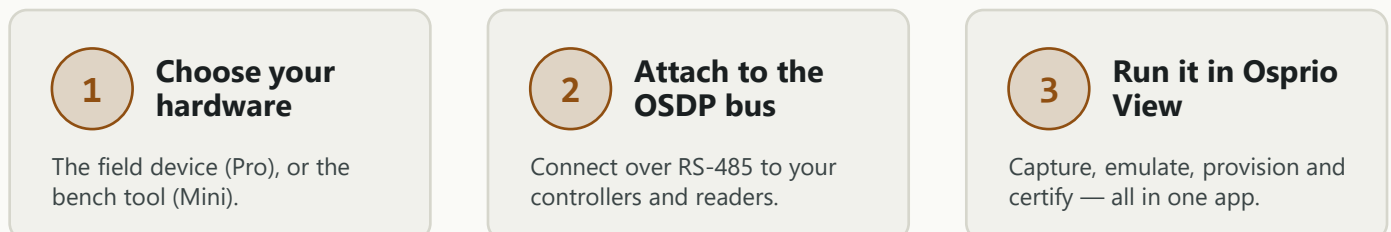
THE OSDP WORKSPACES



THE FAMILY



HOW IT FITS TOGETHER



Who it's for: **Device manufacturers** · **Integrators & installers** · **Security labs & consultants** · **Firmware/Software Developers**

One app, every workspace

Osprio View hosts every OSDP job in one tabbed app — in any Chromium browser over WebUSB, or as a native desktop app. Each workspace below does one thing well, with more on the way; the full feature breakdown and docs live at **osdp.dev**.



Capture

OSDP PROTOCOL ANALYZER

Sniff a live RS-485 bus and decode every OSDP command and reply — live or from a saved capture.

- Live capture + full packet decode
- Secure channel live decryption
- PD-address filters & start triggers
- Auto-stop on count, time or match
- Fold POLL/ACK noise · drop stats
- Export .ovb (encrypted) for offline review



Emulator

OSDP EMULATOR

Stand in as a controller or a reader with full secure channel, and script its behaviour on the bus.

- Live PD status — secure channel
- Action cards: commands & events
- Repetitions, sequences, triggers
- Event log + device-side logs
- Full PD capabilities emulation
- OSDP file transfer support



Provisioner

OSDP PROVISIONING TOOL

Commission readers on the bus — set address and baud, key the secure channel, and verify it landed.

- Live quick-step or offline batch
- Offline autonomous provision tours
- Set address, baud & secure channel key
- Each key-set verified before acceptance
- Per-PD batch progress & retries
- Export keys — CSV / JSON; custom integrations



Conformance

OSDP CONFORMANCE TESTING

Drive a structured test plan against a device and take away repeatable, archivable evidence.

- Test driven by 2 Osprio Minis
- Semi- & fully-automated runs
- Human-in-the-loop prompts
- CI regression guard per build
- Eases SIA OSDP Verified
- Archivable signed PDF audit reports



See the full product page

Features, specs, tiers and docs

osdp.dev/products/osprio-view

Osprio Mini

A compact, host-connected OSDP bench companion — analyzer, emulator and provisioner in one pocket-sized tool.



KEY FEATURES



Monitor

Capture and decode live OSDP bus traffic.



Emulate

Stand in as a CP or PD on the bus.



Provision

Set address, baud and secure-channel keys.



Switchable

One firmware role at a time.



Driven by Osprio View

Every workspace — browser or desktop, no drivers.

SPECIFICATIONS

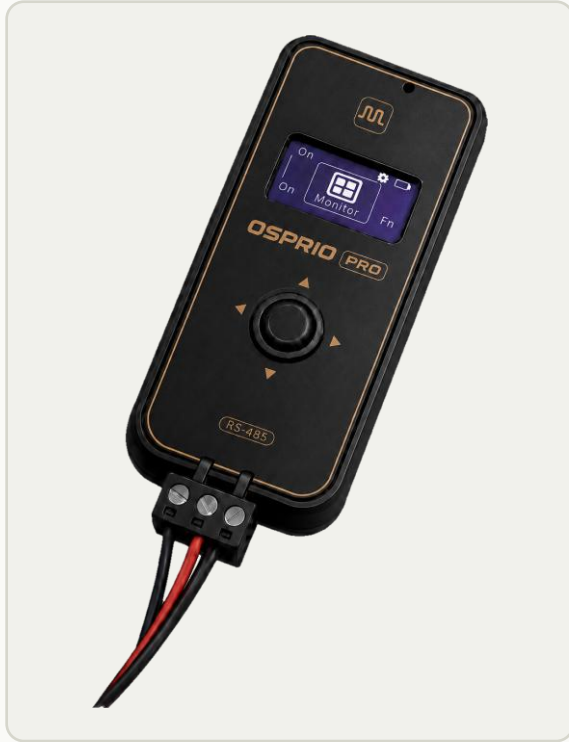
Connection	USB-C • USB 2.0
Power	5 V DC • ~200 mA peak (bus-powered)
RS-485	1 channel — A+ / B- / GND
Indicators	Status LEDs • mode / activity / fault
Firmware update	USB DFU (signed)
Size & weight	64 × 37 × 19 mm • 25 g
Operating temperature	up to +55 °C

Best for developers, test and integration engineers — repeatable lab and bench OSDP work, host-driven from Osprio View.



Osprio Pro

The field-carry OSDP workstation — battery-backed, with an onboard display and every workspace on one device.



KEY FEATURES

-  **All roles, one device**
Monitor, Emulate and Provision in one.
-  **Built for the field**
20 h active, weeks on standby.
-  **Standalone operation**
Onboard screen and pad — no laptop.
-  **Isolated RS-485**
Galvanic isolation, surge-protected.
-  **Wireless workflows**
Pair from a phone — data & updates.
-  **Secure boot**
Signed, anti-rollback firmware.

SPECIFICATIONS

Connection	USB-C • USB 2.0
Battery	250 mAh Li-ion • 2.5 h USB-C charge
RS-485	1 channel • isolated – A+ / B- / GND
Display	128 × 64 monochrome OLED
Controls	5-way navigation pad + buzzer
Wireless	Bluetooth LE
Storage	microSD
Size & weight	98 × 42 × 19 mm • 55 g
Operating temperature	-10 to +65 °C

Best for provisioners and field technicians — battery-backed commissioning, monitoring and emulation, on site and away from a desk.



Work with us

Partner with the team that lives and breathes OSDP — for long-term maintenance, custom development, or an expert second opinion. We'd love to hear what you're building.

PROFESSIONAL SERVICES

We do one thing — OSDP — and we do it really well.

We're the team behind **LibOSDP** — the most comprehensive open-source OSDP library, already powering products across the market. We can put that expertise to work for your product team.



Maintenance & support, on contract

An annual maintenance contract (AMC) keeps OSDP healthy, secure and current for your product long-term — lowering the overall cost of owning OSDP for your teams.



Custom OSDP development

Need new capability on top of OSDP? We design and build it to your spec, on a stack we know inside out — from features to certification support.

GET IN TOUCH



EMAIL

support@osdp.dev



WEBSITE

osdp.dev



WEB APP

view.osdp.dev



STORE

shop.osdp.dev

LEGAL

Osprio is designed and built by Myur Labs UG (haftungsbeschränkt), Germany.

Osprio, Osprio View, Osprio Pro & Osprio Mini are trademarks of Myur Labs UG (haftungsbeschränkt). All rights reserved.

© 2026 Myur Labs UG (haftungsbeschränkt). All rights reserved.

Specifications and features are subject to change without notice. This document is for information only and forms no part of any contract. The most recent version of this document will be available at osdp.dev/products

Privacy: osdp.dev/privacy-policy · Terms: osdp.dev/terms · Imprint (Impressum): osdp.dev/impressum